

CLAIM AMENDMENTS

1 1. (Original) A sand screen for use in production of hydrocarbons from wells,
2 comprising an intelligent completions device disposed in the sand screen.

1 2. (Original) The sand screen of claim 1, wherein the intelligent completions device
2 comprises a sensor.

1 3. (Original) The sand screen of claim 1, wherein the intelligent completions device
2 comprises a temperature sensor.

B1 1 4. (Original) The sand screen of claim 1, wherein the intelligent completions device
2 comprises a pressure sensor.

1 5. (Original) The sand screen of claim 1, wherein the intelligent completions device
2 comprises a flow rate measurement device.

1 6. (Original) The sand screen of claim 1, wherein the intelligent completions device
2 comprises a oil/water/gas ratio measurement device.

1 7. (Original) The sand screen of claim 1, wherein the intelligent completions device
2 comprises a scale detector.

1 8. (Original) The sand screen of claim 1, wherein the intelligent completions device
2 comprises a sand detection device.

1 9. (Original) A gravel pack system, comprising:
2 a sand screen; and
3 an intelligent completions device disposed within the sand screen.

1 10. (Original) The gravel pack system of claim 9, wherein the intelligent completions
2 device comprises a sensor.

1 11. (Original) The gravel pack system of claim 9, wherein the intelligent completions
2 device comprises a temperature sensor.

BA 1 12. (Original) The gravel pack system of claim 9, wherein the intelligent completions
2 device comprises a pressure sensor.

1 13. (Original) The gravel pack system of claim 9, wherein the intelligent completions
2 device is selected from a flow rate measurement device, an oil/water/gas ratio measurement
3 device, a scale detector, and a sand detection device.

1 14. (Currently Amended) A The gravel pack system of claim 9, further comprising:
2 a sand screen;
3 an intelligent completions device disposed within the sand screen; and
4 a fiber optic cable.

1 15. (Original) The gravel pack system of claim 9, further comprising a control line
2 connected to the intelligent completions device.

1 16. (Original) The gravel pack system of claim 15, wherein the control line is selected
2 from an electric line and a fiber optic line.

1 17. (Original) The gravel pack system of claim 9, further comprising a control line
2 extending from the surface to the intelligent completions device.

1 18. (Original) A method for placing a gravel pack around a completion, comprising:
2 gathering data from an intelligent completions device disposed in a sand screen of
3 the completion; and
4 flowing a gravel slurry into the assembly wherein a gravel is deposited between
5 the sand screen and a formation.

B1 1 19. (Original) The method of claim 18, wherein the intelligent completions device is a
2 sensor.

1 20. (Original) A method of monitoring a well characteristic of a well, comprising:
2 running a control line to an intelligent completions device disposed in a sand
3 screen;
4 running the sand screen into the well; and
5 sending a signal through the control line.

1 21. (Original) The method of claim 20, wherein the intelligent completions device is a
2 sensor.

1 22. (Cancelled)

1 23. (Cancelled)

1 24. (Original) A method for gravel packing a well, comprising:
2 running a sand screen into a particular length of the well;
3 extending a fiber optic line into the particular length of the well; and
4 gravel packing the well.

1 25. (Original) The method of claim 24, further comprising performing the running
2 step at substantially the same time as the extending step.

1 26. (Original) The method of claim 24, further comprising performing the running
2 step before the extending step.

B1 1 27. (Previously Presented) A well completion, comprising:
2 a sand screen;
3 an intelligent device disposed within the sand screen; and
4 a service string adapted to perform sand-control pumping and circulation
5 operations.

1 28. (Previously Presented) The gravel pack system of claim 9, further comprising an
2 assembly to perform a gravel pack operation.

1 29. (Previously Presented) The method of claim 20, further comprising performing
2 sand-control pumping and circulation operations.
